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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/974,883	10/12/2001	Sayling Wen	3626-0225P	7636

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EXAMINER

ZHOU, TING

ART UNIT PAPER NUMBER

2173

DATE MAILED: 11/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	09/974,883		WEN ET AL.	
	<b>Examiner</b>		<b>Art Unit</b>	
	Ting Zhou		2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 05 August 2004.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

### DETAILED ACTION

1. The amendment filed on 5 August 2004 have been received and entered. Claims 1-15 are pending in the application.

#### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-15 are rejected under 35 U.S.C. 102(b) as being anticipated by Kraft et al. U.S. Patent 6,084,585.

Referring to claims 1, 7 and 12, Kraft et al. teach a system, method and device comprising a user interface (UI), which provides the user at least one prompt for the user to follow the prompt to send an accessing request for the computer readable data in one action (the user interface includes a plurality of prompts such as a plurality of menu and data fields, the expand key, contract key and “submit” key, which lead to one of four possible paths for data access; for example, pressing the submit key leads to the submit sequence in one action) (column 4, lines 44-62, column 5, lines 1-10 and column 6, lines 58-60); a categorizing module, which automatically determines the type of the computer readable data according to the accessing request (upon detecting user activation of the interface, the received user action is passed to one of four possible paths, namely, data entry path, expand form path, contract form path, or submit

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form path, depending on the type of user action received) (column 5, lines 1-10); and an accessing module, which accesses the computer readable data according to the type of the computer readable data (once the type of the received user action is determined, i.e. whether it is a data entry, expand form, contract form or submit form path type entry, the user entered accessing request, or action is passed to the appropriate sequence; for example, if it was determined that the user action was a selection of a menu field or entry of data into a data field, the data entry path is used, if it was determined that the user action was the selection of a "submit" key, the submit form path is invoked, and so on) (column 4, line 44 – column 7, line 30).

Referring to claims 2, 8 and 13, Kraft et al. teach the accessing request is a save request to store the computer readable data (selection of the "Submit" button which can submit data by storing them on the storage device) (column 7, lines 12-30), and the accessing module stores the computer readable data to a corresponding data set according to the type of the computer readable data (when data is submitted, data is routed, or saved to the appropriate program according to the type of the data; for example, if the data is an expense report, it would be routed to the accounting department) (column 4, lines 44-49, column 6, lines 58 - column 7, line 30 and column 10, lines 44-52).

Referring to claims 3, 9 and 14, Kraft et al. teach the accessing request is a single-type list request to read in the computer readable data of the desired type, and the accessing module reads in the computer readable data of the desired type from the corresponding data set according to the computer readable data and displays the single-type list on the UI for the user (users can

select a single type of menu entry to read in data of the type of information they want to enter) (column 4, lines 37-48 and column 5, lines 14-36 and further shown in Figure 2).

Referring to claims 4, 10 and 15, Kraft et al. teach the accessing request is an all-type list request to read in a plurality of computer readable data and the accessing module read in the computer readable data of all types from the corresponding data sets according to the computer readable data types and displays the all-type list on the UI for the user (user accessing request, or action can be the selection of the “expand” key to read in additional row entry templates) (column 5, line 63 – column 6, line 19 and column 7, lines 62-67).

Referring to claims 5 and 11, Kraft et al. teach the one action refers to the action of hitting one key on a keyboard (column 3, lines 25-31, column 4, lines 58-62 and column 6, lines 58-60).

Referring to claim 6, Kraft et al. teach a storage device for storing computer readable data (column 3, lines 15-21 and column 7, lines 26-30).

### ***Response to Arguments***

3. It is noted that the applicant’s amendments to the specification has overcome the objections made to the disclosure in the previous non-final office action, mailed on 5 May 2004.

4. Applicant’s arguments filed on 5 August 2004 have been fully considered but they are not persuasive.

5. Applicant asserts that the functions disclosed in the present invention are different from those of Kraft et al. The examiner respectfully disagrees. In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., an intuitive computer data management system automatically providing appropriate prompts to the user, therefore, the user only needs to follow the prompts to use the computer without memorizing any operational procedure or hot key combination) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993). As a further note, although the preambles of independent claims 1 and 7 recite "an intuitive computer data management system that helps a user to manage computer readable data", the recitation "an intuitive computer data management system that helps a user to manage computer readable data" has not been given patentable weight because the recitation occurs in the preamble. A preamble is generally not accorded any patentable weight where it merely recites the purpose of a process or the intended use of a structure, and where the body of the claim does not depend on the preamble for completeness but, instead, the process steps or structural limitations are able to stand alone. See *In re Hirao*, 535 F.2d 67, 190 USPQ 15 (CCPA 1976) and *Kropa v. Robie*, 187 F.2d 150, 152, 88 USPQ 478, 481 (CCPA 1951). Therefore, it is not clearly shown how the language of the claims differs from the teachings of Kraft et al. and it can be seen that the cited references anticipate the subject invention.


***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ting Zhou whose telephone number is (571) 272-4058. The examiner can normally be reached on Monday - Friday 8:30 am - 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached at (571) 272-4048. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-4058.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

9 November 2004



**RAYMOND J. BAYERL  
PRIMARY EXAMINER  
ART UNIT 2173**